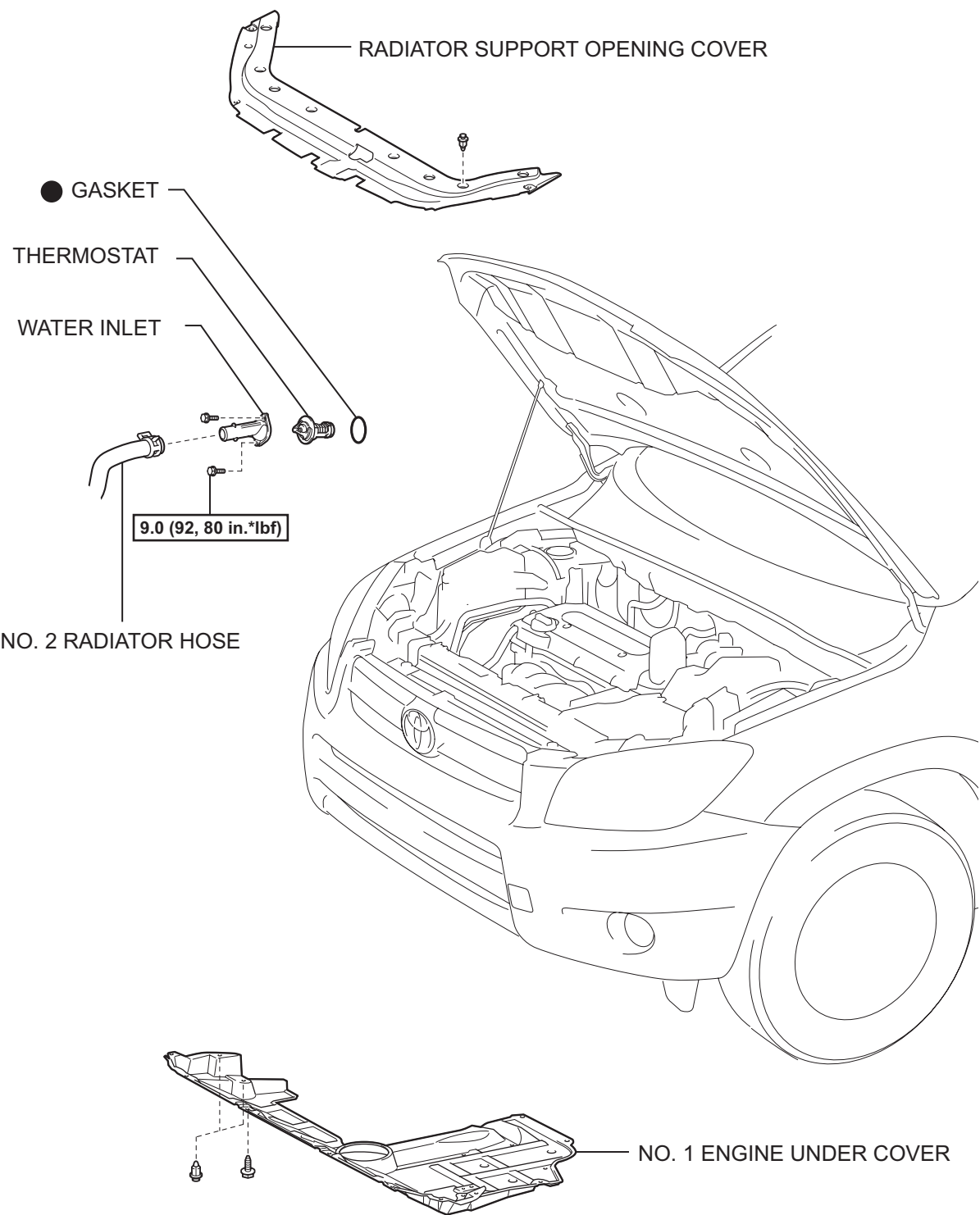


# THERMOSTAT

## COMPONENTS

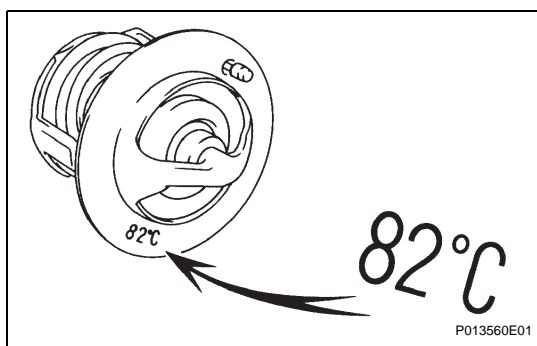
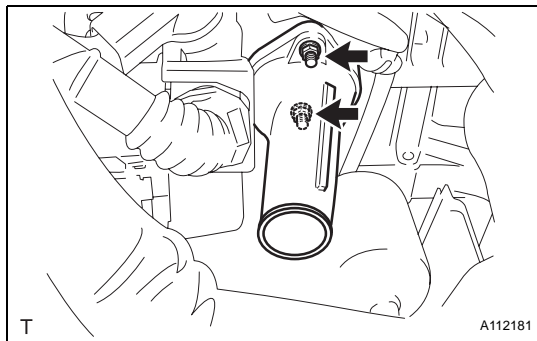


N\*m (kgf\*cm, ft.\*lbf) : Specified torque

● Non-reusable part

## REMOVAL

1. REMOVE NO. 1 ENGINE UNDER COVER
2. DRAIN ENGINE COOLANT (See page [CO-6](#))
3. REMOVE RADIATOR SUPPORT OPENING COVER
4. DISCONNECT NO. 2 RADIATOR HOSE
5. REMOVE WATER INLET
  - (a) Remove the 2 nuts and disconnect the water inlet from the cylinder block.
6. REMOVE THERMOSTAT
  - (a) Remove the gasket from the thermostat.

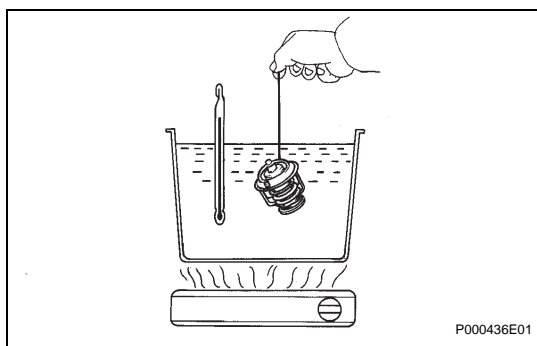


## INSPECTION

1. INSPECT THERMOSTAT

HINT:

The valve opening temperature is inscribed on the thermostat.



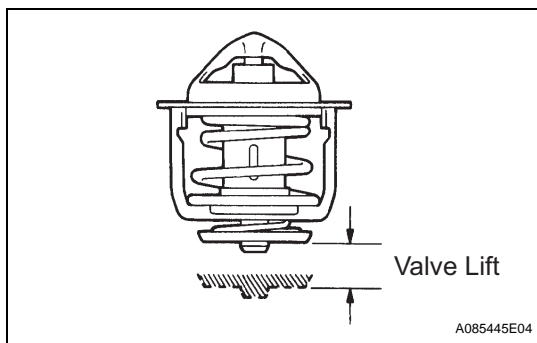
- (a) Immerse the thermostat in water, and then gradually heat the water.

- (b) Check the valve opening temperature of the thermostat.

**Standard valve opening temperature:**

**80 to 84°C (176 to 183°F)**

If the valve opening temperature is not as specified, replace the thermostat.



- (c) Check the valve lift.

**Standard valve lift:**

**10 mm (0.39 in.) or more at 95°C (203°F)**

If the valve lift is not as specified, replace the thermostat.

- (d) Check that the valve is fully closed when the thermostat is at low temperatures (below 77°C (171°F).

If it is not fully closed, replace the thermostat.

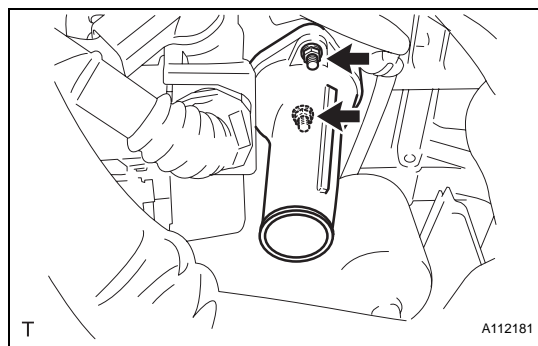
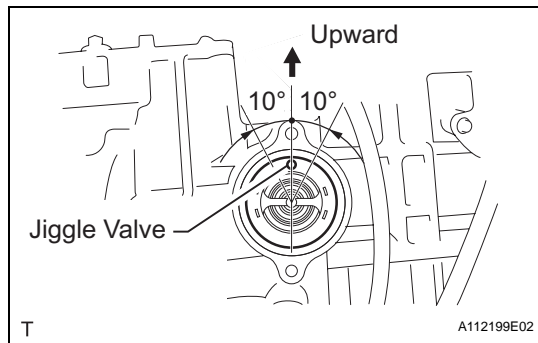
## INSTALLATION

### 1. INSTALL THERMOSTAT

- (a) Install a new gasket onto the thermostat.
- (b) Install the thermostat with the jiggle valve upward.

HINT:

The jiggle valve may be set to within 10° on either side of the prescribed position.



### 2. INSTALL WATER INLET

- (a) Install the water inlet with the 2 nuts.  
Torque: 9.0 N\*m (92 kgf\*cm, 80 in.\*lbf)

### 3. CONNECT NO. 2 RADIATOR HOSE

### 4. ADD ENGINE COOLANT (See page [CO-6](#))

### 5. CHECK FOR ENGINE COOLANT LEAKS (See page [CO-1](#))

### 6. INSTALL RADIATOR SUPPORT OPENING COVER

### 7. INSTALL NO. 1 ENGINE UNDER COVER